

ENG

Translated from original
operating instructions manual



BLOWER AIRION 3

Operating Instructions

57_147010-E
04/2024

READ THE USER OPERATING GUIDE CAREFULLY BEFORE USE





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PELLENC

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1. INTRODUCTION

Dear Customer,

Thank you for your purchase of Blower AIRION 3. Correctly used and maintained, this tool will give years of satisfactory performance.



Warning

In accordance with product liability laws, we are not responsible for damage caused by our product if the product includes an accessory that is not from the manufacturer or is not approved by the manufacturer. The use of any other accessory may increase the risk of injury.



Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



Warning

It is imperative that you read through the ENTIRE user's manual guide before using or servicing the tool. Always comply with the instructions and illustrations in the manual.


Throughout the user's manual guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

Points marked "NOTE" indicate additional information.

Points marked "IMPORTANT" warn the user of a potential risk for the equipment.

Points marked "CAUTION" warn the user of a potentially hazardous situation which if not avoided may result in minor injuries.

Points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided may result in serious injury or death.

The warning  indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety signs on the tool also indicate the safety precautions to be observed. Locate these signs and read them before using your machine. Any partially illegible or damaged sign should be replaced immediately.

Refer to 2.5. Safety signs, page 9 for the location diagram of the safety stickers affixed to the tool.

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2. SAFETY



Caution

Read all of the instructions.

Please save these instructions

2.1. PLANNED USE

- The is a professional tool and exclusively reserved for clearing green spaces by blowing (leaves, grass, paper and similar materials).
- The company PELLENC declines all responsibility for damage caused by improper usage or usage for which the tool was not intended.
- The company PELLENC declines all responsibility for damage caused by the use of spare parts or accessories that are not from PELLENC.

2.2. GENERAL SAFETY INSTRUCTIONS FOR THE ELECTRICAL TOOL



Warning

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Note

Retain all the safety measures and instructions for later reading.

The term "power tool" in the safety warnings refers to your battery-powered electric tool (without power cord).

2.2.1. WORK AREA SAFETY

1. **Keep the work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in an explosive atmosphere, for example in the presence of flammable liquids, gases, or dust.** Power tools create sparks, which can ignite dust or fumes.
3. **Keep children and bystanders away while operating the power tool.** Distractions can cause you to lose control of the tool.

2.2.2. ELECTRICAL SAFETY

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
2. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is in direct contact with the ground.
3. **Do not expose power tools to rain or damp conditions.** Water entering a power tool will increase the risk of electric shock (Except for tools for which an "IP" index is specified).
4. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges, and moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **Use an extension cord suitable for outdoor use when operating power tools outdoors.** Use a cord suitable for outdoors to reduce the risk of electric shock.
6. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

2.2.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol, or medication.** A moment of inattention when using a power tool can result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. **Prevent unintentional starting. Make sure the switch is in the off position before you connect the tool to the power source and/or battery pack, pick it up, or carry it.** Carrying power tools with your finger on the switch or plugging in power tools with the switch in the on position can cause accidents.
4. **Remove any adjusting wrench before switching the electric tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
6. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.** Use dust collectors to reduce the risk caused by dust.
8. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A moment of inattention can result in serious personal injury.

2.2.4. USE AND CARE OF THE POWER TOOL

1. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
2. **Do not use the power tool if the switch does not turn it on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
5. **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting elements are less likely to jam and are easier to control.
7. **Use the power tool, accessories, blades, etc. in accordance with these instructions, taking into account the working conditions and the work to be done.** Using the power tool for operations other than those specified can result in hazardous situations.
8. **Handles and gripping surfaces must be kept dry, clean and free from oils and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

2.2.5. BATTERY TOOL USE AND CARE

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery pack may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

5. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C (or 265°F) may cause explosion.
7. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

2.2.6. MAINTENANCE

1. **Have the power tool serviced by a qualified technician, using only identical spare parts.** This will ensure that the safety of the power tool is maintained.
2. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

2.2.7. MANAGEMENT OF THE RECYCLING AND RECOVERY OF WASTE FROM YOUR TOOL

1. **When the tool reaches the end of its life, PELLENC provide the end-of-life sheet of the equipment.** The end-of-life sheet provides instructions for safely removing components.

2.3. SAFETY INSTRUCTIONS FOR THE BLOWER AIRION 3



Warning

To reduce the risk of electric shock, do not expose the tool to rain. Store indoors.

1. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges, and moving parts.
2. Do not use if the lead or plug is damaged. Do not pull the lead from the side or on sharp edges.
3. Do not unplug by pulling the lead. To unplug the tool, grip the plug and not the lead. Do not manipulate the plug nor the tool with wet hands.
4. If the tool is not working as expected, if it falls or is damaged, or if it remains outside or falls into water, return it to the authorised PELLENC distributor.
5. Never modify the connector in any way whatsoever.
6. Wear safety equipment. Always wear eye protection.
7. The dust raised during operation can be harmful to health. In case of liberation of dust, wear a dust mask.
8. Comply with tool servicing instructions. Check that the moving parts are not misaligned or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the tool. In the event of damage, have the tool repaired before using it.
9. Inspect the work area prior to starting. Remove all debris and hard object such as stones, glass, wires, etc. which could fly and cause serious injuries or damage when the blower is in use.
10. Use the blower to blow out grass, straw or leaf waste, urban garbage.
11. Do not use the tool to collect inflammable or combustible liquids such as petrol, nor in areas where such liquids are present.
12. Never blow towards people or animals - the blower can lift up small objects and throw them out at high speed - risk of injury.
13. While using the blower, be careful not to endanger small animals.
14. Take extreme care when using the blower on stairs.
15. Stop the blower, turn off the battery, disconnect the power cord and wait for the rotor to stop before opening the air intake screen: risk of serious injuries (rotating parts).
16. Do not obstruct, part or all of the air intake. Do not insert anything into the openings. Do not use the tool if one of the openings is blocked, keep it free from dust, fluff, hair and anything else that may reduce air circulation.
17. Ensure air intake screen is properly maintained.
18. Inspect the blower before each use, check that the parts are not worn, loose, damaged or missing. Do not use the blower if it is not in perfect condition.

19. To avoid fire spreading, do not use the blower near wood fires or barbecues, etc.
20. Do not draw up solids or liquids through the intake duct - risk of damaging rotating components and intake screen.

2.4. SAFETY MEASURES ASSOCIATED WITH BATTERY USE

1. If not using the battery unit, store it away from other metal objects such as paper clips, coins, keys, nails, screws or other such small metal items that might form a connection between the two terminals. Creating a short circuit between the battery terminals can result in burns or even a fire.
2. Keep the battery out of the reach of children and place it on a non-combustible support.
3. Do not interfere with its cooling cycle.
4. Do not use or leave the battery near a heat source ($> 60^{\circ}\text{C}$).
5. Do not leave the battery in direct, strong sunlight.
6. Do not expose the battery to microwaves or high pressure.
7. Do not immerse the battery in water.
8. The batteries must be charged in a dry, ventilated room at a temperature between 10°C and 25°C maximum, away from any moisture.
9. If the battery is not used for 10 days, the battery will automatically discharge until it reaches its storage charge rate, and then goes to sleep. The battery heats up during this phase.¹
10. Over time, the capacity of your battery decreases. When it reaches half of its original battery-life operating autonomy, it should be replaced.
11. The battery may lose 1 to 4 % of its capacity when exposed to a temperature higher than or equal to 55°C for one week.
12. The charging location must be equipped with a class D fire extinguisher (for metal fire) in good working order.
13. The standards in effect must be complied with when either shipping a complete tool or a battery.
 - Complete tool with battery: product classified UN3481 class 9.
 - Battery alone: product that is classified as class 9, UN3480.
14. Use of a battery other than that provided by Pellenc SA is dangerous (risk of serious injury). If a different battery is used, Pellenc SA cannot be held responsible for any consequences.
15. The battery must be protected from any impact and must be positioned and secured appropriately during transportation.
16. In the case of suspicious smoke, place the battery outside the charging area or transportation vehicle as far away as possible from any inflammable material.
17. Never store a battery when its capacity is below 50 %. Recharge the battery before storage if the value is below 50%.
18. Under inappropriate conditions, liquid may leak from the batteries; avoid contact. In the event of accidental contact, rinse with water. In the event of contact with eyes, seek professional medical help. The liquid leaking from the batteries can cause irritations or burns.
19. Pellenc power tools must only be used with the battery units designed for the purpose. Use of other battery units can present a risk of injury and fire.
20. Recharge only with the charger specified by the manufacturer. A charger suitable for one type of battery pack may present a risk of fire if used with another type of battery pack.
21. Do not use the battery for any purpose other than that initially envisaged (exclusively for use with Pellenc tools).
22. At the end of its life, the battery must be returned to the authorized distributor from whom it was purchased to be recycled in accordance with waste regulations.
23. Fragile case, contains an electronic board and lithium.

2.5. SAFETY SIGNS

California State Proposition 65:



Caution

This product contains or emits a chemical recognized by the State of California to cause cancer, birth defects or other reproductive harm.

¹Except for Alpha Lite batteries, which are discharged directly.



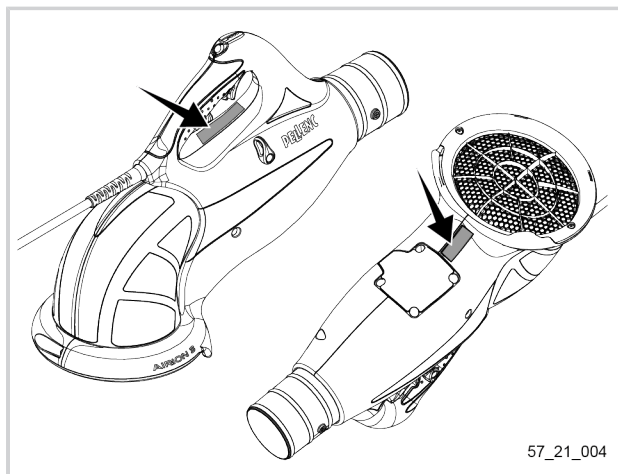
LWA sound power level guaranteed.



Please read the operating instructions.
Read the instructions carefully and follow the safety precautions.



It is mandatory to wear safety goggles.



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IP54 protection rating of the tool (Protection against dust and water splashes from all directions.), does not apply to the battery.



Nobody must stand within 5 m (16ft) of the tool in operation.

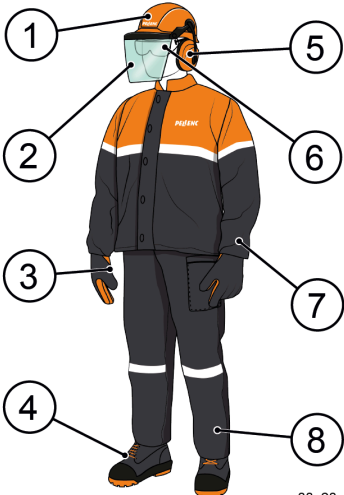


Never put your fingers or insert objects in the air intake grille. When the intake grill is not fitted, there is a risk of contact with rotating parts - risk of injury! - risk of damaging the rotating elements.



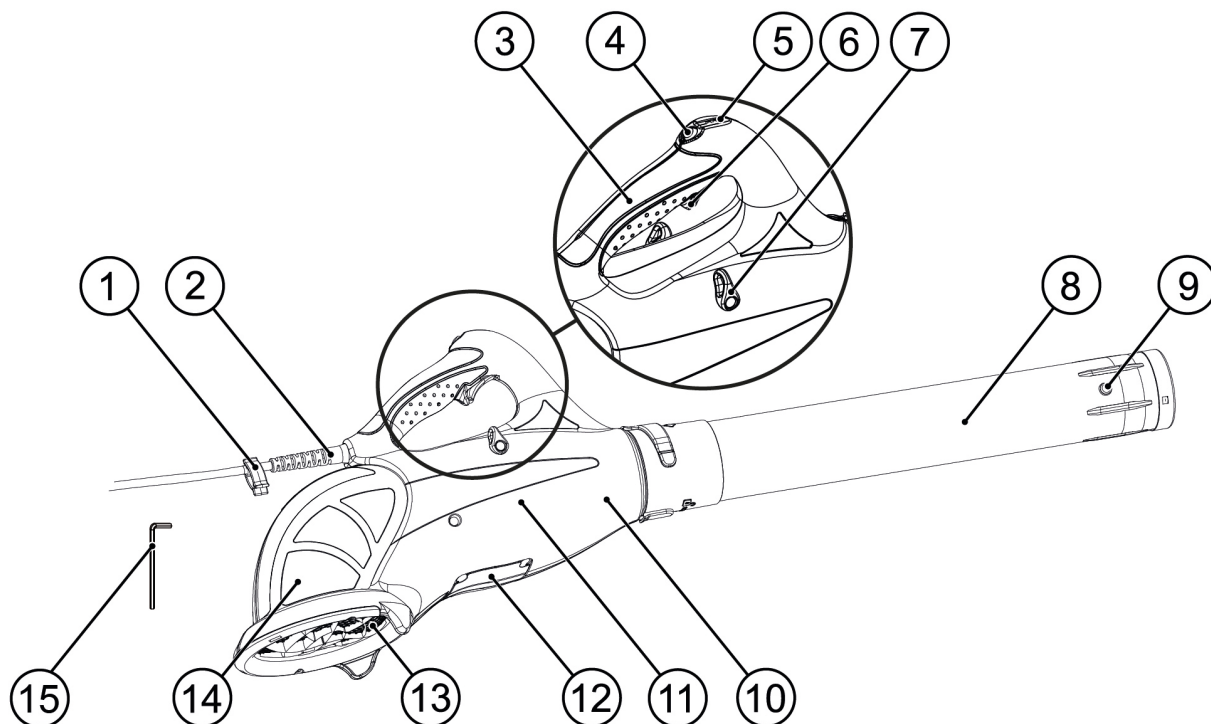
Keep hair away from the air intake screen. Risk of hair getting caught in the fan turbine.

2.6. PERSONAL PROTECTION EQUIPMENT

	Equipment	Wear
	1 Safety helmet	--
	2 Protective visor	Optional
	3 Hard-wearing gloves	Recommended
	4 Safety footwear	Optional
	5 Ear protection	Recommended
	6 Protective goggles	Mandatory
	7 Safety jacket or over-sleeves	--
	8 Work trousers	Recommended

3. DESCRIPTION AND TECHNICAL FEATURES

3.1. DESCRIPTION OF THE TOOL



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Blower AIRION 3

1. Holding clips for the power cord
2. Tool power cord
3. Control handle
4. Speed / mode selector button
5. Power and speed indicator lights
6. Gradual control trigger
7. Hanging hook (x 2)

8. With standard exhaust pipe dia. 75mm
9. Stud
10. Protective casing
11. Axial turbine
12. Electronic maintenance hatch
13. Air intake grille
14. Air Inlet
15. Allen wrench

3.2. TECHNICAL FEATURES

Effective thrust* (N)	17.5 (boost) / 13.5 (speed 4)
Peak power (W)	940
Power supply voltage (V)	43.2
Weight of the tool with cable (kg)	2.7
Weight of the tool without the cable (kg)	2.45
Actual weight of the tool in use (kg)	2.55
Dimensions (l x w x h) (mm)	1,022 x 232 x 318
Real air flow rate from the standard outlet blower nozzle with a diameter of 75 mm* (m ³ /h)	920 (boost)/815 (speed 4)
Maximum air speed with the standard outlet blowing nozzle, with a diameter of 75 mm (m/s)	63
Maximum air speed the outlet blowing nozzle with a diameter of 65mm (m/s)	69
Maximum airflow speed with nozzle plate (m/s)	69
Maximum airflow speed with the ergonomic elbow nozzle (m/s)	64
Sound pressure level at 15 metres* dB(A)	< 65
Battery life** with Alpha 260	Up to 1 hour and 30 minutes
Battery life** with Alpha 520	Up to 3 hours
Battery life** with ULiB 750	Brush cutter Up to 5 hours
Battery life** with ULiB 1200	Up to 8 hours
Battery life** with ULiB 1500	Up to 10 hours

* Values determined according to ANSI/OPEI B175.2-2012.

** For information: the times were observed in actual working time, without taking breaks into consideration. Battery life is influenced by the nature of the work carried out.

Determination of the sound pressure levels and vibration emission rates is based on the operating conditions at the nominal maximum speed.

Vibration emission value as per EN 60745-1:2009	handle $a_h = 0.25 \text{ m/s}^2$	uncertainty $K_d = 1.5 \text{ m/s}^2$
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Maximum weighted sound pressure level A (ref. 20 μPa) at the user's position	$L_{pA} = 79 \text{ dB (A)}$	$K = 2.5 \text{ dB(A)}$
Weighted peak sound pressure level C (ref. 20 μPa) at the user's position	$L_{pC} < 130 \text{ dB(C)}$	

Symbol	Value	Unit	Reference	Remark
L_{WA_m}	90	dB(A)	1 pW	Measured sound power level
L_{WA_g}	92	dB(A)	1 pW	Guaranteed sound power level

The measured noise level and the guaranteed noise level were measured according to a procedure in accordance with Directive 2000/14 / EC Annex V.

4. START-UP

4.1. CONTENT OF THE KIT

Make sure the box contains:

- **A Blower AIRION 3** that comes with:
 - 1 standard blower nozzle dia. 75mm (8)
 - 1 Allen wrench (15)
 - 1 user guide
 - 1 warranty notice

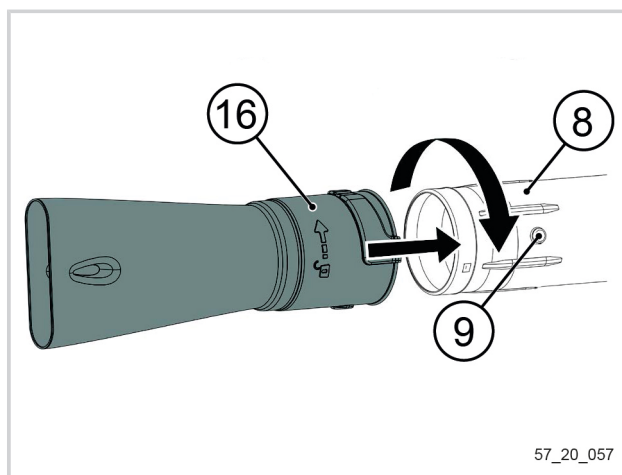
4.2. FITTING/REMOVING THE FLAT NOZZLE (OPTIONAL)

4.2.1. MOUNTING

1. Push the flat nozzle (16) onto the end of the outlet blowing nozzle (8) as far as the stud (9).
2. Make a quarter turn in the direction shown (4) to lock the flat nozzle.

Note

The flat nozzle can only be fitted on the standard outlet nozzle with a diameter of 75 mm, see 9. Accessories and consumables, page 29.

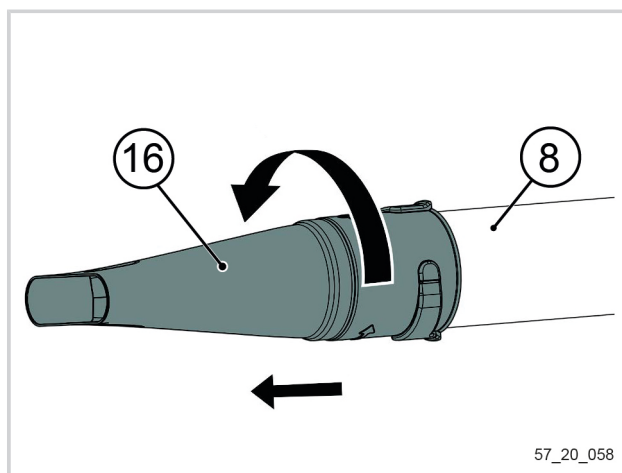


4.2.2. DISASSEMBLY

1. Make a quarter turn in the direction shown to unlock the nozzle plate (16).
2. Remove the flat nozzle from the outlet blowing nozzle (8).

Note

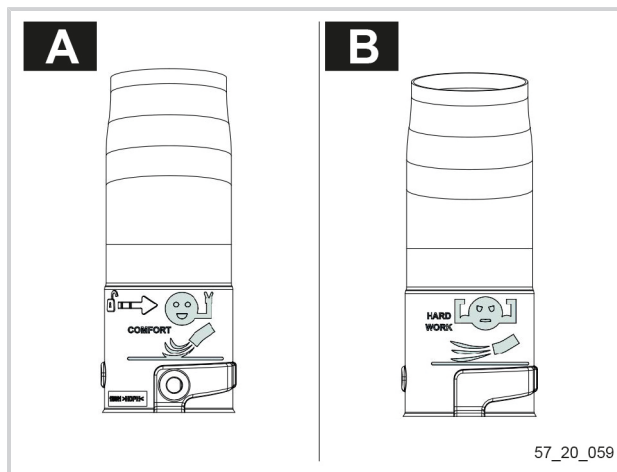
There is hole on the flat nozzle so that it can be hooked on the snap hook accessory carrier, see 9. Accessories and consumables, page 29.



4.3. ASSEMBLY / DISASSEMBLY OF THE ERGONOMIC ELBOWED NOZZLE (OPTIONAL)

4.3.1. MOUNTING

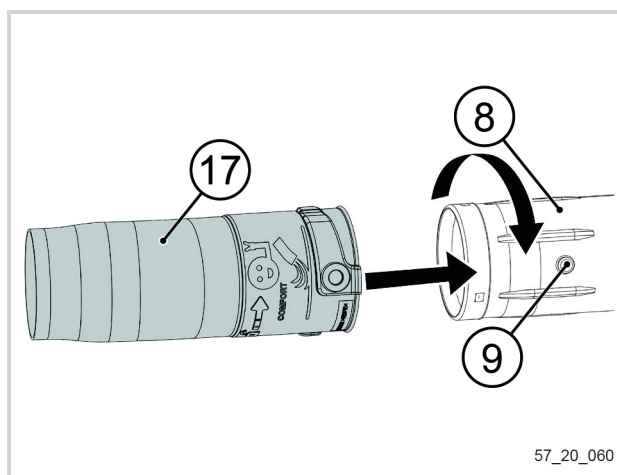
1. Choose the working position for the ergonomic elbowed nozzle according to the blowing work to be performed:
 - Detail A: 'COMFORT' position.
 - Detail B: 'HARD WORK' position.



2. Push the ergonomic elbowed nozzle (17) onto the end of the outlet blowing nozzle (8) as far as the stud (9).
3. Make a quarter turn in the direction shown to lock the ergonomic elbowed nozzle (17).

Note

The ergonomic elbowed nozzle can only be fitted on the standard outlet nozzle with a diameter of 75 mm, see 9. Accessories and consumables, page 29.

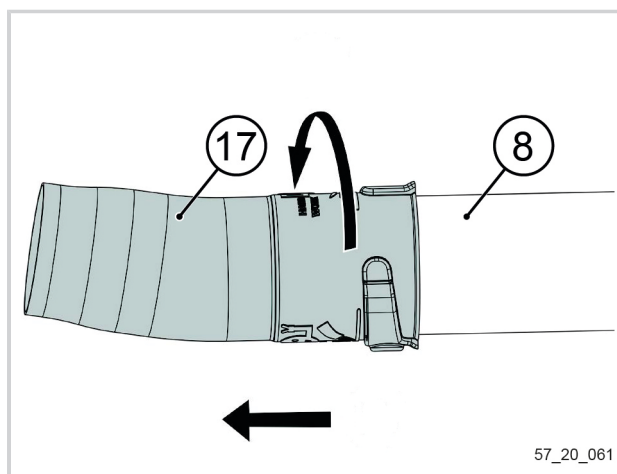


4.3.2. DISASSEMBLY

1. Make a quarter turn in the direction shown to unlock the ergonomic elbowed nozzle (17).
2. Remove the ergonomic elbowed nozzle (17) from the outlet blowing nozzle (8).

Note

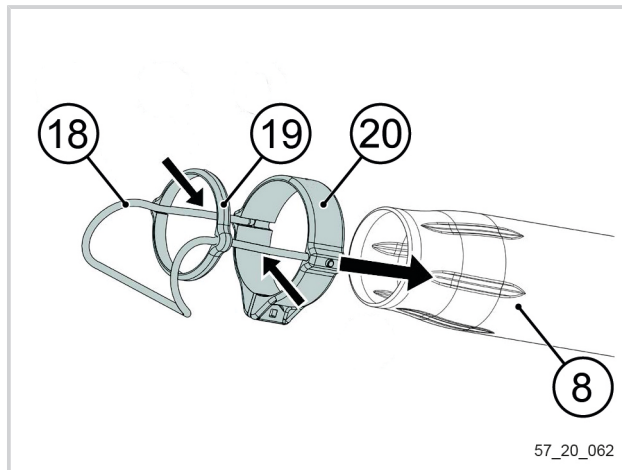
There is hole on the ergonomic elbowed nozzle so that it can be hooked on the snap hook accessory carrier, see 9. Accessories and consumables, page 29.



4.4. FITTING/REMOVING THE BLOWER SCRAPER (OPTIONAL)

4.4.1. MOUNTING

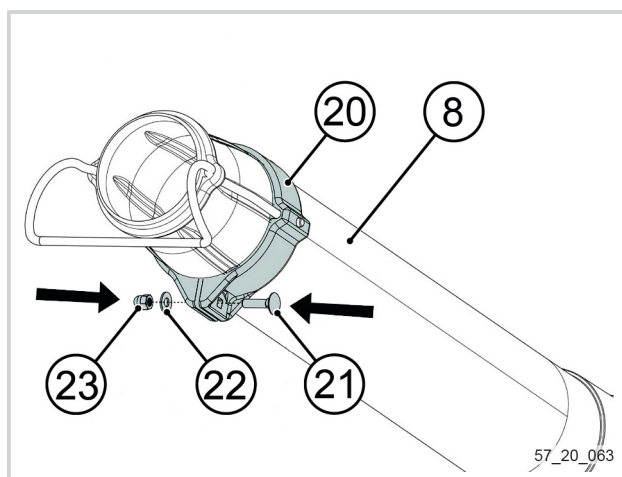
1. Set up the wire scraper (18) in the guide ring (19) and the support ring (20) by pressing on the rods.
2. Align the rods on the wire scraper (18) with the notches and clip the unit into the outlet blowing nozzle (8).



3. Install the bolt (21), the washer (22) and the nut (23) in the support ring (20).
4. Tighten the nut (23) to hold the support ring (20).

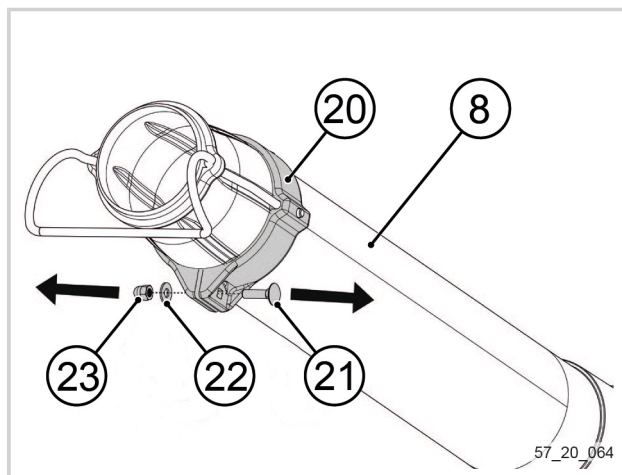
Note

The blower scraper can only be fitted on the outlet nozzle with a diameter of 65 mm, see 9. Accessories and consumables, page 29.

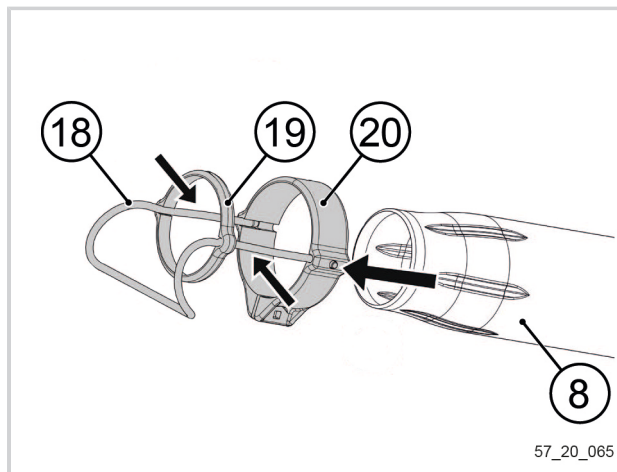


4.4.2. DISASSEMBLY

1. Remove the nut (23), the washer (22) and the bolt (21) from the support ring (20).



2. Remove the assembly from the outlet blowing nozzle (8).
3. Extract the wire scraper (18) from the support ring (20) and the guide ring (19) by pressing on the rods.

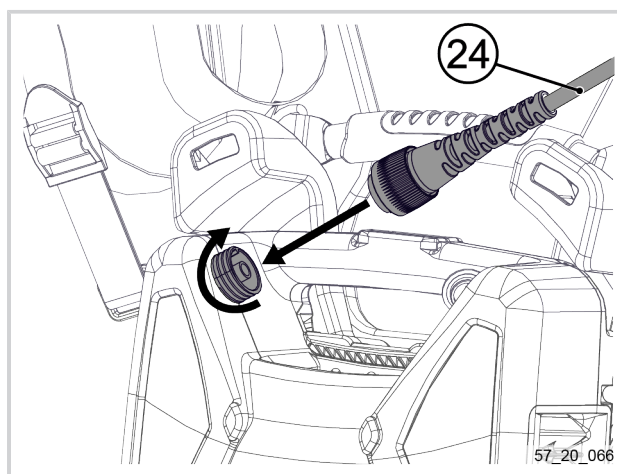


4.5. CONNECTING THE EXTENSION

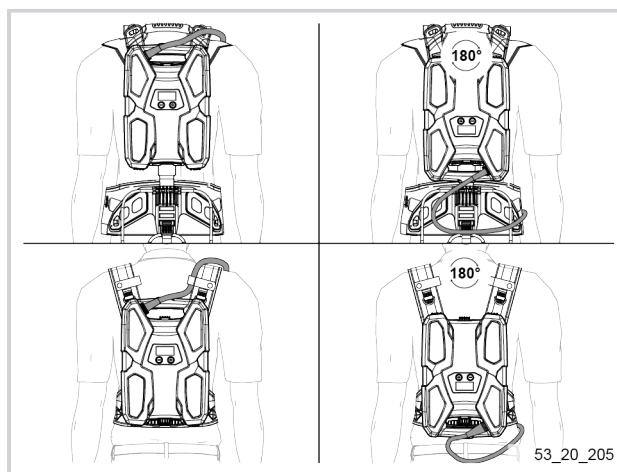
The extension makes it easy to connect the AIRION 3 using its quick connector, see 9. Accessories and consumables, page 29.

4.5.1. 750 / 1200 / 1500 ULIB BATTERIES

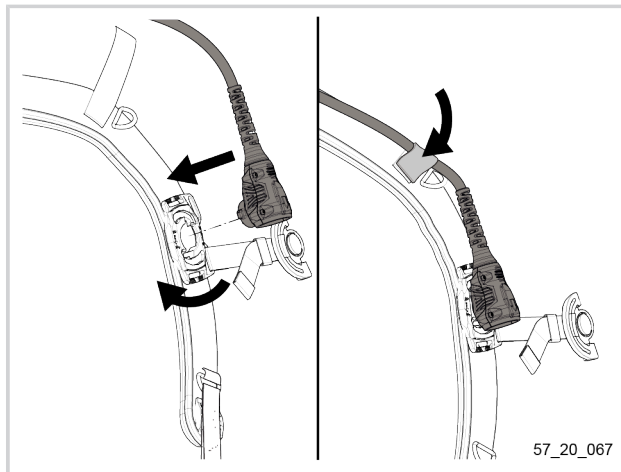
1. Put the battery in the harness (see harness mounting instructions).
2. Connect the cable connector of the extension cord (24) to the battery.
3. Lock the connector by screwing the safety ring.



4. Put the harness on you (see harness mounting instructions).
5. Depending on the battery model and the connector's position on it, pass the extension through one of the straps or the belt.

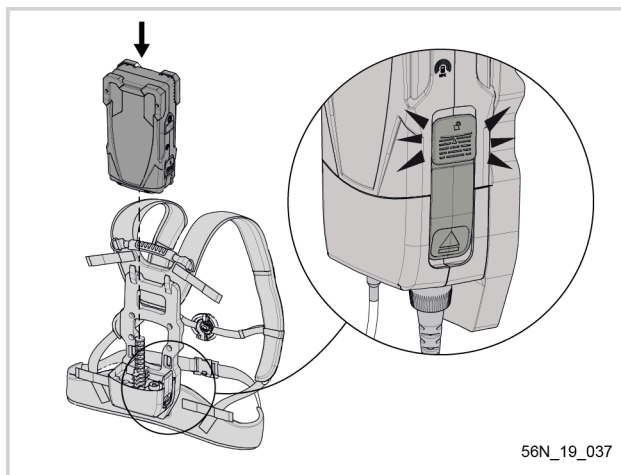


6. Set up the pin of the quick connector into the harness buckle.
7. Turn the quick connector a quarter turn to hold it in position.

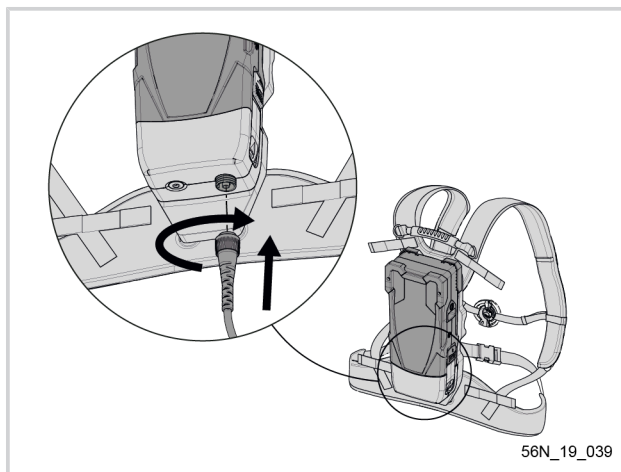


4.5.2. 260 / 520 ALPHA BATTERIES

1. Connect the battery to the harness, making sure it is in good orientation (see harness mounting instructions).



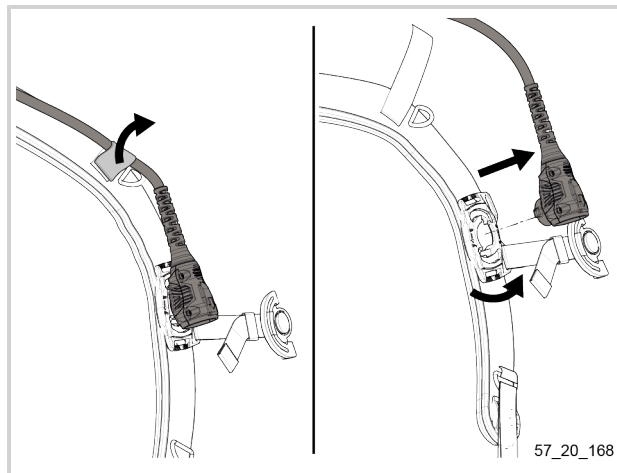
2. Connect the cable connector of the extension cord to the harness.
3. Lock the connector by screwing the safety ring.



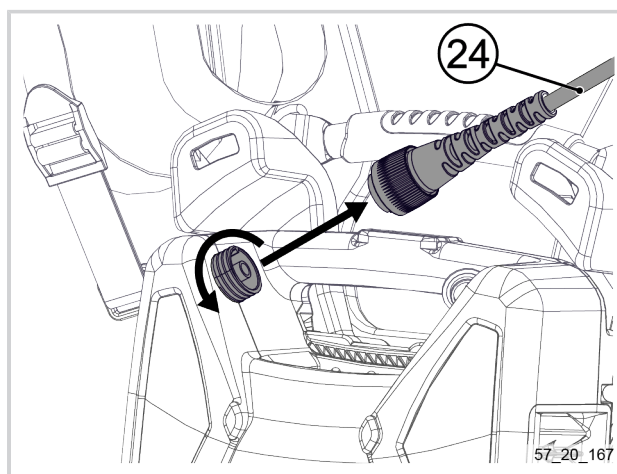
4.6. DROPPING THE EXTENSION CORD

4.6.1. 750 / 1200 / 1500 ULIB BATTERIES

1. Disconnect the battery, see 4.8. Disconnecting PELENC batteries from the tool, page 20.
2. Turn the fast connector a quarter of a turn to remove the extension from the harness strap.

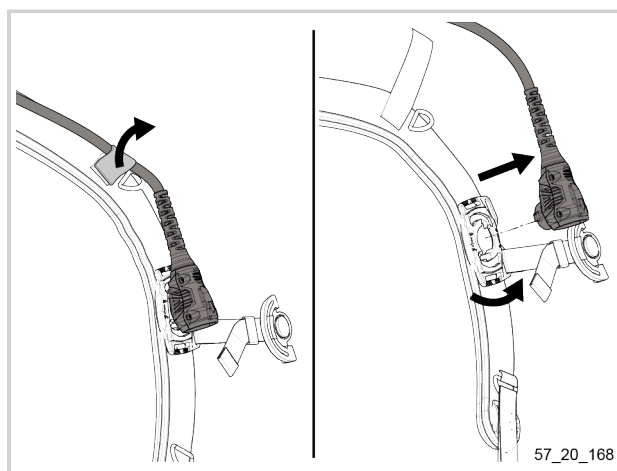


3. Remove the harness (see harness mounting instructions).
4. Unscrew the connector safety ring to release the extension (24).
5. Remove the battery from the harness (see harness mounting instructions).

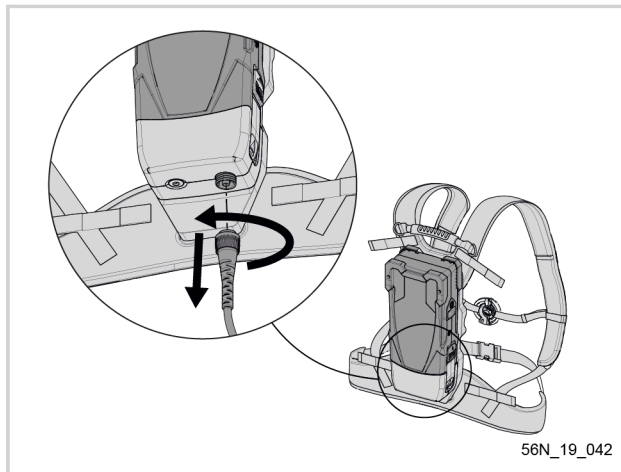


4.6.2. 260 / 520 ALPHA BATTERIES

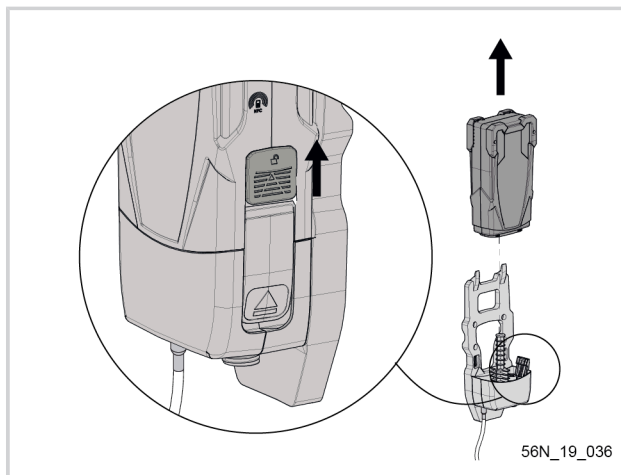
1. Disconnect the tool from the battery, see 4.8. Disconnecting PELENC batteries from the tool, page 20.
2. Turn the fast connector a quarter of a turn to remove the extension from the harness strap.



3. Unscrew the connector safety ring to release the extension cord.



4. Remove the battery from the harness (see battery instruction).



4.7. CONNECTING PELLENC BATTERIES TO THE TOOL

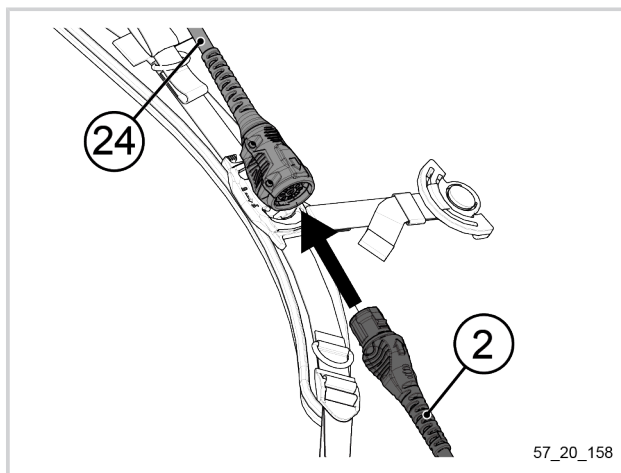
Important

Always check the remaining battery-life before use. If necessary, recharge the battery using the charger.

To prolong the life of the connectors, they should be protected when disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

For more information on PELLENC batteries, see battery instructions.

- Connect the power cord of the tool (2) of the extension cord (24).



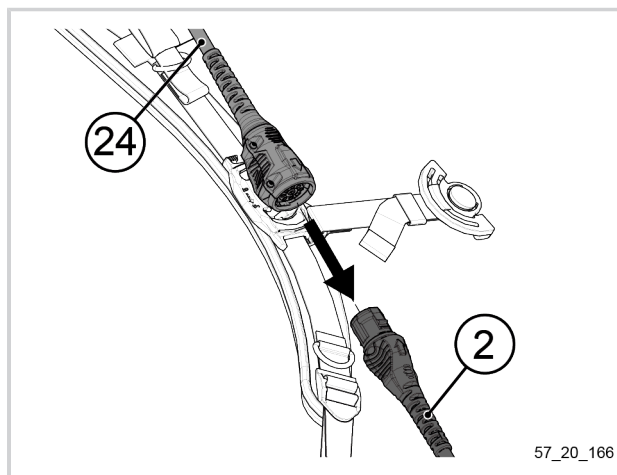
4.8. DISCONNECTING PELLENC BATTERIES FROM THE TOOL

Important

To prolong the life of the connectors, they should be protected when disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

For more information on PELLENC batteries see the battery instructions.

- Disconnect the power cord from the tool (2) from the extension cord (24).



5. USE

5.1. HOLDING THE TOOL

The Blower is designed to be operated with one hand. The user can carry it holding the control handle with the left or right hand.

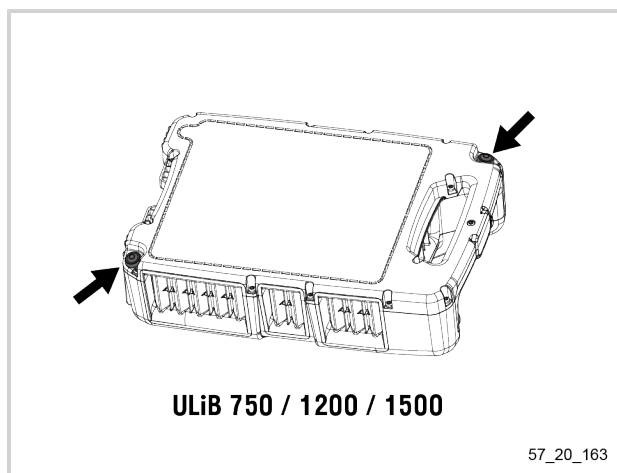
Always walk slowly while blowing the leaves, green waste or urban garbage from one side to another.

Always check the blowing nozzle outlet area.

5.2. SWITCHING THE BATTERY ON AND OFF

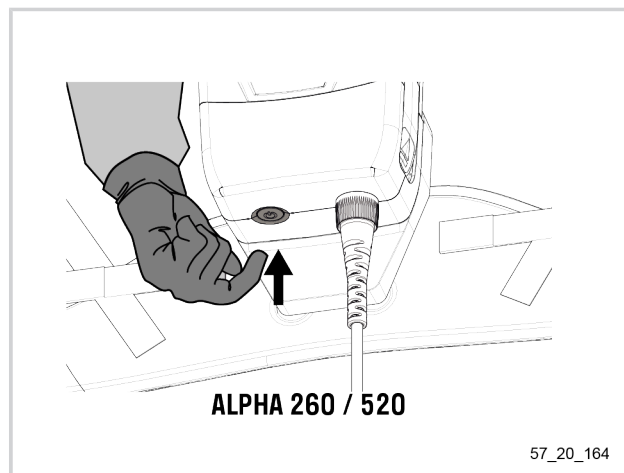
5.2.1. 750 / 1200 / 1500 ULiB BATTERIES

- Press one of the 2 On/Off battery buttons.



5.2.2. 260 / 520 ALPHA BATTERIES

- Press the On/Off button.



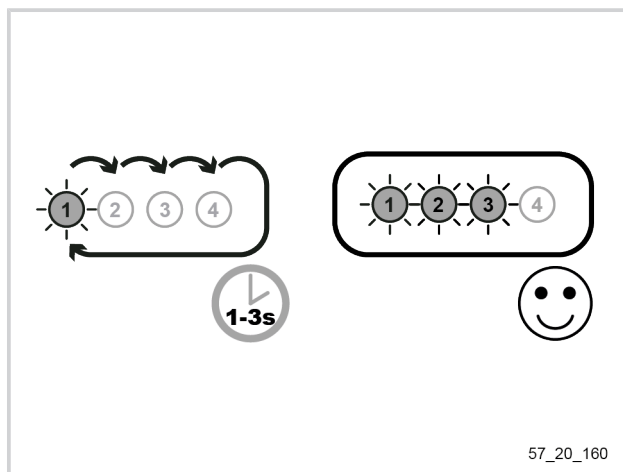
5.3. START-UP

1. Hold the tool in its operating position, with the outlet blowing nozzle pointing to the ground.
2. Turn the battery on by pressing the On/Off button, see 5.2. Switching the battery on and off, page 20 and wait for the battery to beep once. The tool is recognized.
3. Wait until one or more LEDs on the handle come on steady. The battery is recognized and the tool is ready to run.



Note

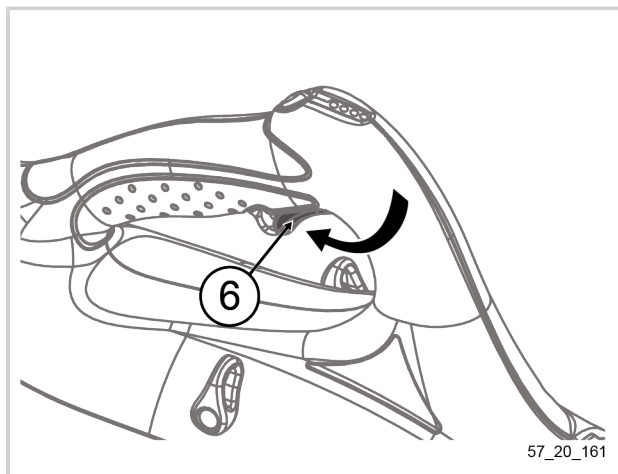
When starting the tool, the LEDs on the handle light up in sequence for one to three seconds.



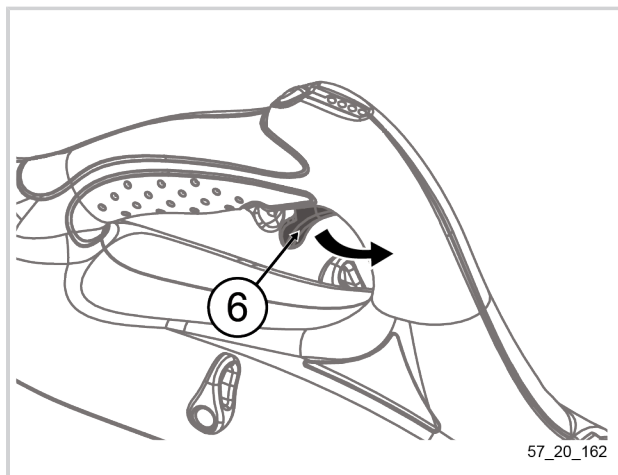
5. Press the control trigger (6) to start the blower.

Note

The progressive control trigger allows precise and instantaneous control of the air flow.



6. Release the trigger (6) to stop the tool.



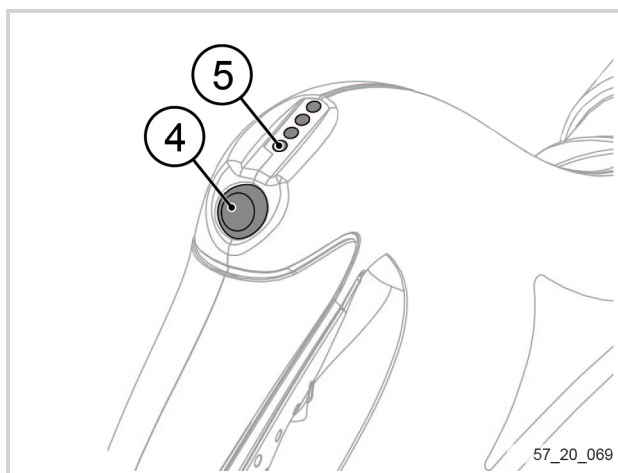
Important

Make sure to keep a sufficient distance (30 cm minimum) between the suction mouth and any volatile source (soils, walls, ceilings...), such as sand, gravel, liquids... These objects are likely to be drawn, pass through the air intake grille, damage your equipment and be high-speed projected.

5.4. SPEED SELECTOR

Your tool is equipped with a speed selector system. This system is used to optimize and vary the air flow power using the selector (4) on the handle.

When the blower is turned on, the four indicator lights on the handle (5) indicate the selected speed.



Selected speed	Speed 1	speed 2	speed 3	speed 4	Booster
Indicator light status	● ○ ○ ○	● ● ○ ○	● ● ● ○	● ● ● ●	● ● ● ●
Power (W)	150	380	500	600	940
Battery life with the 1100 battery (mins)	395	160	120	100	63
Battery life with the 1200 battery (mins)	480	189	144	120	77
Battery life with the 1500 battery (mins)	600	235	180	150	95
Max airflow speed (m/s) *	33	47	52	55	63
Max airflow speed (m/s) **	37	52	56	60	69
Max. airflow speed with accessories (m/s) ***	37	52	57	60	69
Max. airflow speed with accessories (m/s) ****	34	48	51	57	64
Actual flow rate (m3/h) *	490	690	760	815	920
Effective thrust (N) *	5	10	12	13.5	18

* with standard blower nozzle dia. 75mm.

** with blower nozzle dia. 65mm.

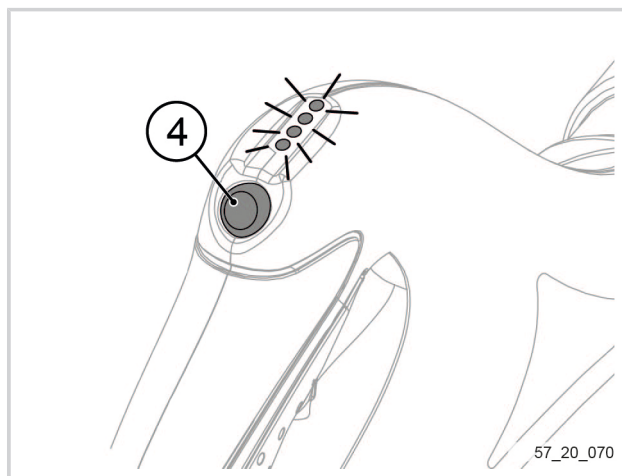
*** with a flat nozzle accessory.

**** with ergonomic elbow nozzle accessory.

5.5. "BOOSTER" MODE

The blower has a "booster" mode which gives the maximum power (940W) instantly. The airflow speed and rate is then at a maximum with the standard nozzle. The mode is available regardless of the speed selected.

1. Hold the selector button (4) to switch to the "booster" mode. The mode is active (you may release the button), the 4 indicators flash simultaneously.
2. Press the selector button (4) to quit "booster" mode. The tool returns to the previously selected speed.

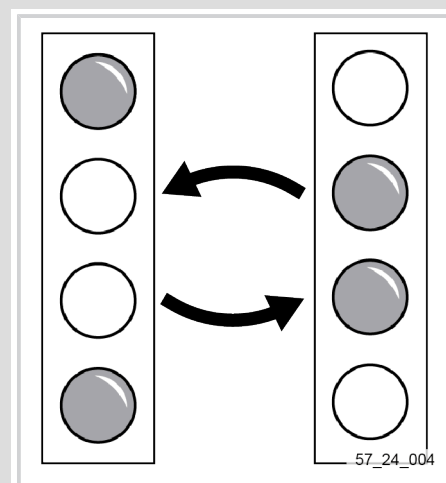


Important

Only use the "booster" mode temporarily when needed (stuck debris, etc.) in order to limit the blower power consumption and to avoid overheating.

When the temperature of the tool increases excessively during prolonged use of "booster" mode, the 4 LEDs flash from outside to inside.

When these LEDs are flashing the user should reduce the speed of the tool. If this is not done, the tool will automatically switch to speed 4.

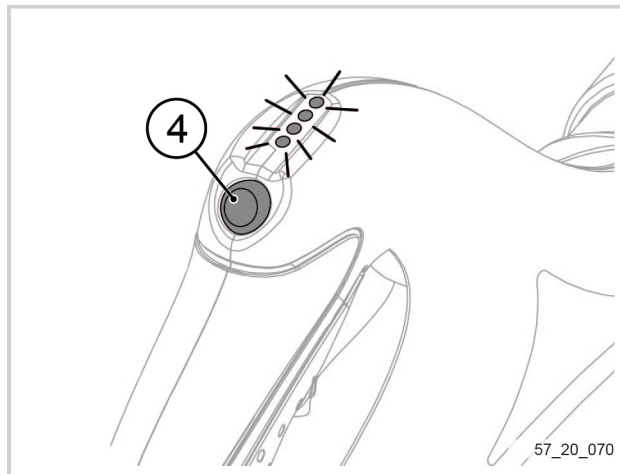


5.6. "BATTERY LIFE READING" MODE

To know the charge level of the battery, the tool has a 'battery life reading' mode. To activate the 'battery status display' mode:

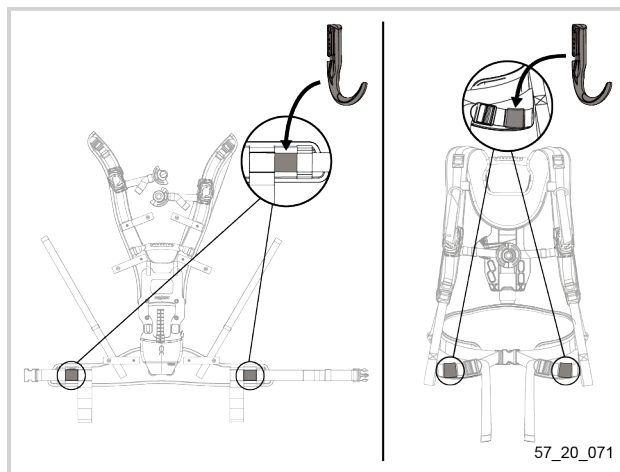
Press the selector button for 2 seconds, the LEDs then indicate the charge level of the battery:

- 4 LEDs: battery is 75-100% charged
- 3 LED: the battery is 50-75% charged
- 2 LED: the battery is 25-50% charged
- 1 LED: the battery is 0-25% charged

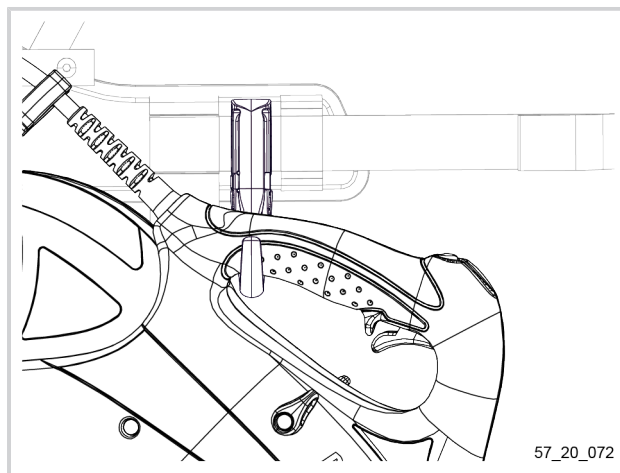


5.7. CARRYING (OPTIONAL)

1. Set up the hook is a tool on one of the two side straps at the harness belt.



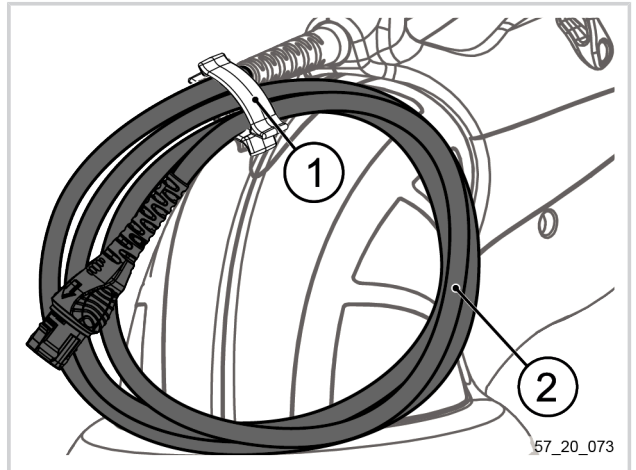
2. Hang the tool to the tool carrying hook from the handle.



5.8. AFTER USE

1. Turn the battery off, see 5.2. Switching the battery on and off, page 20.

2. Disconnect the tool from the battery, see 4.8. Disconnecting PELLENC batteries from the tool, page 20.
3. Make loops with the tool's power cord (2) and attach it to the back of the handle using the holding clips (1).



57_20_073

6. MAINTENANCE

6.1. MAINTENANCE ADVICE



Caution

Always disconnect the tool battery before starting tool maintenance.

- Use products recommended by PELLENC.
- In the event of any problem, consult an authorised PELLENC distributor.

6.2. TOOL MAINTENANCE TABLE

	Each time the tool is used	After use	If necessary	Every year or when necessary
Cleaning the tool		X		
Visual check of the machine	X			
Check for clogging of the grid; clean if necessary	X	X		
Check the rotor: <ul style="list-style-type: none"> • clean if necessary • replace if necessary (by an authorised PELLENC distributor). 			X	
Checking the capacity of the battery	X			
Safety label replacement			X	
Have the tool inspected by an approved PELLENC distributor.				X

Important

Ⓒ Have your blower overhauled every 400 hours or at least once a year. Make sure the chainsaw is always clean and the battery charged before storage.

6.3. CLEANING



Warning



Never use solvents (Trichlorethylene, White Spirit, gasoline, etc.) to clean the tool.

- Keep your blower clean by wiping it regularly with a soft moist cloth.
- Using an air compressor, (10 bars maximum), blow on the tool, the grille and the rotor on a regular basis to limit clogging.
- Check that the whole air duct (from the intake to the outlet) is not obstructed.
- Ensure that air intake screen holes are not obstructed.
- Visually check the status of the intake grid. If a replacement is necessary, contact your authorised PELENC distributor.
- Check the condition of the rotor visually. If a replacement is necessary, contact your authorised PELENC distributor.

7. INCIDENTS AND TROUBLESHOOTING

Symptoms	Battery on/ off status	Indicator light status	Probable cause	Checks	Solutions	Repairer
The tool does not start	Stop	Switched off	Battery switched off	Battery switch	Flip the battery switch	User
	Start	Switched off	The power cord is severed	Check the condition of the cord	Change the cord	PELENC authorised distributor
			Battery	Check that the battery is not fully discharged	Charge the battery	User
			Circuit board	At an authorised PELENC distributor	Change the electronic board if the LEDs remain off after commissioning and verification of the previous points	PELENC authorised distributor
		On	A trigger no longer functions	At an authorised PELENC distributor	Change the trigger or sensor	PELENC authorised distributor
			Circuit board	At an authorised PELENC distributor	Change the circuit board	PELENC authorised distributor
		Flashing then off	Battery not recognized	Check the connection of the cord to the battery	Repeat the starting procedure	User
			Faulty power cord	Check the condition of the cord	Change the cord	PELENC authorised distributor
			Electronic board defect	At an authorised PELENC distributor	Change the circuit board	PELENC authorised distributor

Symptoms	State of the on/off switch of the battery	Indicator light status	Probable cause	Checks	Solutions	Repairer
The tool stops during use	Start	On	A trigger no longer functions	At an authorised PELENC distributor	Change the trigger or sensor	PELENC authorised distributor
		Switched off	The power cord is severed	Check the condition of the cord	Change the cord	PELENC authorised distributor
			The tool has reached its temperature limit	4 beeps from the battery	Let the tool cool down for roughly 5 minutes	User
The blower makes an unusual noise or vibrates abnormally	Start	On	The battery is flat	When stopped, check the battery charge level shown in the side window	Recharge the battery (if less than 10% charged)	User
			Airflow duct obstructed or blocked (intake elbow, blower tube, nozzle, etc.)	Check the condition of the duct	Clean the duct	User
			Dirty or damaged rotor	Check the condition of the rotor	Clean the rotor	User
Loss of efficiency of the air flow	Start	On	Blocked air intake screen	Check the condition of the grille	Clean or replace the air intake screen	User
			Dirty or damaged rotor	Check the condition of the rotor	Clean the rotor	User
The tool works, the boost is temporarily unavailable	Start	Switched on and convergent	The tool is hot Cooling mode in operation	Check the condition of the grille	Replace the rotor	PELENC authorised distributor
					Clean the grill Allow the tool to cool down	User

8. STORAGE AND TRANSPORT

8.1. STORAGE

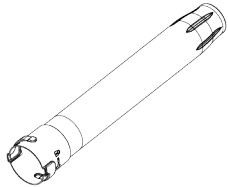
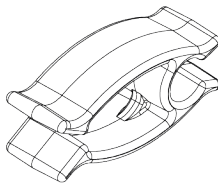

- Switch off the tool (see 5.8. After use, page 24).
- Disconnect the battery (see 5.8. After use, page 24).
- Store the battery (refer to the battery operating instructions).
- Clean the tool (see 6.3. Cleaning, page 26).
- Store the tool in a dry place out of children's reach.

8.2. TRANSPORT

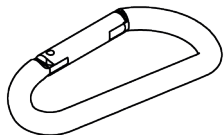

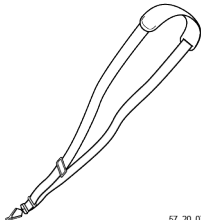
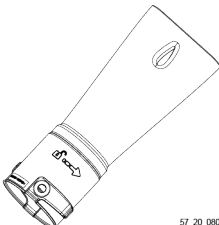

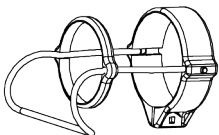
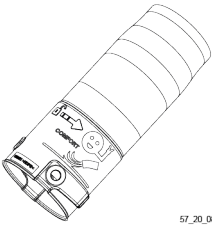
- Switch off the tool (see 5.8. After use, page 24).
- Disconnect the battery (see 5.8. After use, page 24).
- Ensure that the tool and the battery are secured in the transport vehicle.

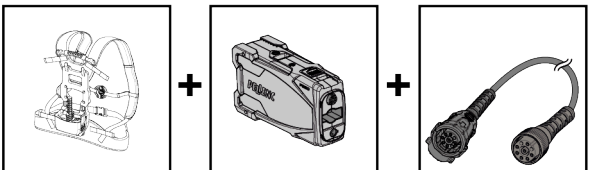
9. ACCESSORIES AND CONSUMABLES

9.1. ACCESSORIES INCLUDED

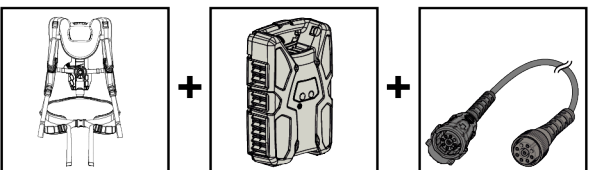
Name	Reference	
Anti-wear blower nozzle	122862	 57_20_074
Power cord support clips	101056	 57_20_075
Allen wrench	45792	 57_20_076

9.2. OPTIONAL ACCESSORIES

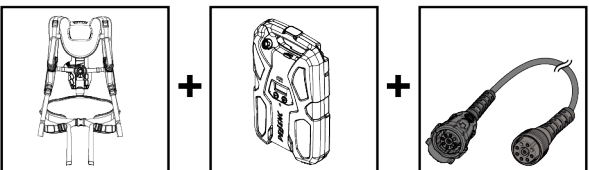
Name	Reference	
Snap hook to carry accessories	131701	 57_20_077
Carrying strap	110002	 57_20_078
Airion carrying strap for comfort harness	137018	 57_20_079
Flat nozzle	122865	 57_20_080
Tool hook	86708	 57_20_081
Accessory scraper blower	102930	 57_20_084
Elbow end piece kit	131967	 57_20_085

Name	Reference	
Comfort harness	57194	
PELLENC ALPHA 260 battery	57192	
PELLENC ALPHA 520 battery	57193	
Extension cord	57238	

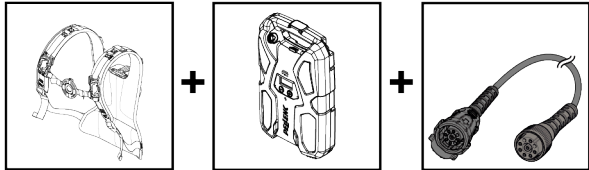
57_20_187

Name	Reference	
Comfort harness	57183	
1200 Ultra Lithium Battery	57253	
1500 Ultra Lithium Battery	57254	
Extension cord	57238	

57_20_186

Name	Reference	
Comfort harness	57183	
750 Ultra Lithium Battery	57191	
Extension cord	57238	

57_20_189

Name	Reference	
750 ULiB battery harness	57257	
750 Ultra Lithium Battery	57191	
Extension cord	57238	

57_20_188

10. WARRANTIES

10.1. GENERAL WARRANTIES

10.1.1. STATUTORY WARRANTY

10.1.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the French Civil Code states that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have paid a lesser price for it, had he/she known of them".

Article 1648 of the French Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect."

10.1.1.2. LEGAL GUARANTEE OF CONFORMITY

Article L.217-4 of the French Consumer Code "The seller delivers goods in compliance with the contract and is liable for defects of conformity existing upon delivery.

The seller is also liable for any lack of conformity resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility.

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

- If they are fit for the purpose normally expected of similar goods and, where applicable:
 - If they correspond to the description given by the seller and possess the qualities that were presented to the buyer in the form of a sample or model;
 - If they possess the qualities that a buyer can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
- Or if it has the characteristics defined by mutual agreement between the parties or be suitable for any special use sought by the buyer, brought to the attention of the seller and accepted by the latter.

Article L.217-12 of the French Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

10.1.2. PELLENC COMMERCIAL WARRANTY

10.1.2.1. CONTENTS

10.1.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on PELLENC products covering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty forms an inseparable whole with the product sold by PELLENC.

10.1.2.1.2. SPARE PARTS

The commercial warranty also covers PELLENC original spare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

10.1.2.2. DURATION OF WARRANTY

10.1.2.2.1. GENERAL INFORMATION

PELLENC products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

10.1.2.2.2. SPARE PARTS

PELLENC replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELLENC product to the customer user for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

In the case of products connected to a PELLENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

10.1.2.2.3. WARRANTY EXCLUSIONS

Products that have been subject to abnormal use, or that have been used under conditions and for purposes other than those for which they were manufactured, are excluded from the commercial warranty, especially in the case of non-compliance with the conditions stipulated in this user manual.

Nor does it apply in the event of impact, dropping, negligence, lack of supervision or maintenance or if the product has been transformed. Products that have been altered, transformed or modified by the user customer are also excluded from the warranty.

Wear parts and/or consumables are not covered by the warranty.

10.1.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY

10.1.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION

No later than eight days after delivery of the goods to the user customer, the DISTRIBUTOR undertakes to complete the computerised commissioning declaration form in order to activate the latter on the website www.pellenc.com,

under the heading "Extranet Access" in the "Pellenc Extranet Service" menu, using the identifier previously issued by PELLENC.

Failing that, commissioning declaration will not be effective and implementation of the PELLENC commercial warranty will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR also undertakes to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the user customer sign and date it.

10.1.3. PAID AFTER-SALES SERVICE

10.1.3.1. GENERAL INFORMATION

Malfunctions, breakdowns, breakages resulting from misuse, negligence or improper maintenance by the user customer, as well as malfunctions resulting from the normal wear of the product, are subject to the payment of the after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning, without the present list being exhaustive.

10.1.3.2. WEAR PARTS AND CONSUMABLES

Wear parts and consumables also fall within the after-sales service.

10.1.3.3. SPARE PARTS

Paid after-sales service also covers PELLENC original spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.

11. COMPLIANCE STATEMENTS

11.1. STATEMENT OF COMPLIANCE: AIRION 3

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	PELLENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine designated below:

GENERIC DENOMINATION	BLOWER		
FUNCTION	MAINTENANCE WORK IN GREEN SPACES AND ON PUBLIC ROADS		
COMMERCIAL NAME	AIRION 3		
TYPE	BLOWER		
MODEL	AIRION 3		
SERIAL NO.	57Y00001 - 57Y49999	57Z00001 - 57Z49999	57A00001 - 57A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the relevant Union harmonisation legislation:

- Directive 2006/42/EC
 - EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019
 - EN 50636-2-100: 2014
- Directive 2014/30/EU
 - EN 55014-2:2015
 - EN 55014-1: 2017
- Directive 2011/65/EU
 - Regulation (REACH) No 1907/2006

Sound level at the maximum operating rating

MODEL	AIRION 3
Measured sound power according to Directive 2000/14 /EC	$L_{WA} = 90 \text{ dB (A)}$
Guaranteed sound power according to Directive 2000/14 /EC	$L_{WA,d} = 92 \text{ dB (A)}$

The measured sound level and the guaranteed sound power level were measured by the notified body LNE, 29 avenue Roger Hennequin 78190 Trappes, France, according to a procedure compliant with Directive 2000/14/EC Annex V. The certificate is identified by the following number: 2000-14/P148923/1.

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, on 16/7/2024

11.2. UK DECLARATION OF CONFORMITY ^{UK}CA : AIRION 3

MANUFACTURER / ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine referred to below as:

GENERIC DENOMINATION	BLOWER		
FUNCTION	MAINTENANCE WORK IN GREEN SPACES AND ON PUBLIC ROADS		
COMMERCIAL NAME	AIRION 3		
TYPE	BLOWER		
MODEL	AIRION 3		
SERIAL No.	57Y00001 - 57Y49999	57Z00001 - 57Z49999	57A00001 - 57A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant statutory requirements:

- S.I. 2008 No. 1597 "Machinery"
 - EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019
 - EN 50636-2-100 : 2014
- S.I. 2016 No. 1091 Electromagnetic Compatibility Regulations 2016
 - EN 55014-2:2015
 - EN 55014-1 : 2017
- S.I. 2012 No. 3032 RoHS
- S.I. 2021 No. 904 UK REACH Regulation

Sound Power Level :

Measured sound power level	L _{WAm} = 90 dB (A)
Guaranteed sound power level	L _{wAg} = 92 dB (A)

The measured sound level and the guaranteed sound power level were measured by the body LNE 29 avenue Roger Hennequin 78190 Trappes, France according to a procedure compliant with Directive 2000/14 / EC Annex V. The report is identified by the following number : 2000-14/P148923/1.

Signed by and on behalf of :

Simon BARBEAU
CHIEF EXECUTIVE OFFICER



SIGNED IN PERTUIS, 2024.7.16

PELENC

   www.pellenc.com

PELENC
Quartier Notre Dame - 84120 Pertuis (France)

